AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of fabricating a steel part, the method comprising the steps of:

preparing and casting a steel having the following composition in percentage by weight: $0.06\% \le C \le 0.25\%$; $0.5\% \le Mn \le 2\%$; traces $\le Si \le 3\%$; traces $\le Ni \le 4.5\%$; traces $\le Al \le 3\%$; traces $\le Cr \le 1.2\%$; traces $\le Mo \le 0.30\%$; traces $\le V \le 2\%$; traces $\le Cu \le 3.5\%$;

and satisfying wherein the steel contains 5 ppm to 50 ppm of B, and 0.005% to 0.04% of Ti, where the Ti content is equal to at least 3.5 times the N content of the steel; and

wherein the steel satisfies at least one of the following conditions:

- * $0.5\% \le Cu \le 3.5\%$;
- * $0.5\% \le V \le 2\%$:
- * $2 \le Ni \le 4.5\%$ and $1\% \le Al \le 2\%$;

the remainder being iron and impurities resulting from preparation;

- hot deforming the cast steel at least once at a temperature in the range 1100°C to 1300°C in order to obtain a blank of the part;
 - · controlled cooling of the blank for the part in still air or forced air; and
- · heating the steel to perform precipitation annealing before or after machining the part from said blank.
- 2-4. (Cancelled)
- 5. (Original) A method according to claim 1, wherein the steel contains 0.005% to 0.06% of Nb.
- 6. (Original) A method according to claim 1, wherein the steel contains 0.005% to 0.2% of S.
- 7. (Original) A method according to claim 6, wherein the steel contains at least one of the following elements: Ca up to 0.007%; Te up to 0.03%; Se up to 0.05%; Bi up to 0.05%; and Pb up to 0.1%.
- 8. (Original) A method according to claim 1, wherein the C content of the steel lies in the range 0.06% to 0.20%.

- 9. (Original) A method according to claim 8, wherein Mn content of the steel lies in the range 0.5% to 1.5%, and wherein the Cr content lies in the range 0.3% to 1.2%.
- 10. (Original) A method according to claim 8, wherein the Ni content of the steel lies in the range traces to 1%.
- 11. (Original) A method according to claim 8, wherein the Ni content of the steel lies in the range 2% to 4.5%, and wherein the Al content lies in the range 1% to 2%.
- 12. (Original) A method according to claim 1, wherein the precipitation annealing is performed in the range 425°C to 600°C.
- 13. (Original) A method according to claim 12, wherein the steel contains 0.5% to 3.5% of Cu, and wherein the precipitation annealing is performed in the range 425°C to 500°C for 1 h to 10 h.
- 14. (Original) A method according to claim 12, wherein the steel contains 0.5% to 2% of V, and wherein the precipitation annealing is performed in the range 500°C to 600°C for more than 1 h.
- 15. (Original) A method according to claim 12, wherein the steel contains 2% to 4.5% of Ni and 1% to 2% of Al, and wherein the precipitation annealing is performed in the range 500°C to 550°C for more than 1 h.
- 16. (Original) A method according to claim 1, wherein said hot deformation is rolling.
- 17. (Original) A method according to claim 1, wherein said hot deformation is forging.
- 18. (Original) A method according to claim 1, wherein controlled cooling of the blank is performed at a rate less than or equal to 3°C/s in the range 600°C to 300°C.
- 19. (Original) A steel part, obtained by the method according to claim 1.
- 20. (Original) A steel part according to claim 18, the part possessing bainite microstructure, tensile strength Rm of 750 MPa to 1300 MPa, and a yield strength Re greater than or equal to 500 MPa.

21. (New) A method according to claim 1, wherein the steel part possesses bainite microstructure.